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MORIKAWA TOSHIYUKI
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NISHIGUCHI TAKAHIRO(54) NEW (METH)ACRYLIC ACID DERIVATIVE AND
THERMOSETTING RESIN COMPOSITION
CONTAINING THE SAME

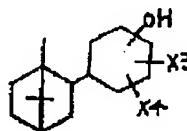
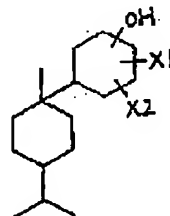
etc., are cited.

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(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject derivative useful as a raw material for thermosetting resins excellent in adhesiveness of a cured product to a substrate, flexibility, electricity-insulating properties, water resistance, etc., by deriving it from an alicyclic hydroxy compound obtained by hydrogenating an adduct of a phenol to a cyclic terpene compound.

SOLUTION: This new (meth)acrylic acid derivative is obtained by deriving it from an aliphatic hydroxy compound (D) which is prepared by hydrogenating an adduct (C) of 1 mole of (A) a cyclic terpene compound (e.g.; paramentene-1) with 1 mole of (B) a phenol (e.g.; phenol). The objective derivative is, e.g. a (meth)acrylic ester of the ingredient D, etc. The ingredient C is obtained by reacting 1 mole of the ingredient A with 0.1-6 mole of the ingredient B in the presence of an acidic catalyst at 20-150°C for 1-10 hours. As the ingredient D, e.g. a compound of formula I (X¹ and X² are each H, a 1-5C alkyl or OH), a compound of formula II (X³ and X⁴ are each H, a 1-5C alkyl or OH),



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